



## ADC (VAL0) - Channels 8 to 15



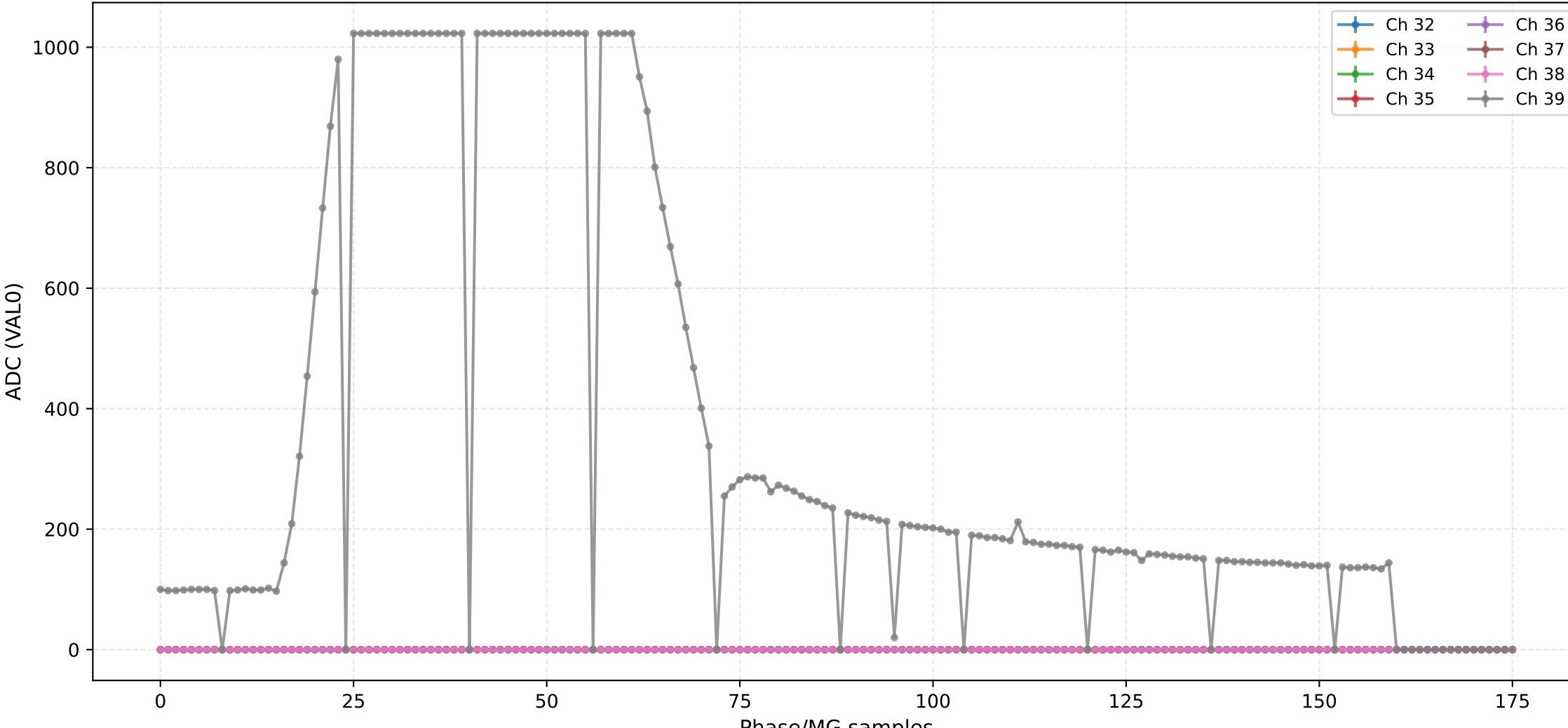
### ADC (VAL0) - Channels 16 to 23



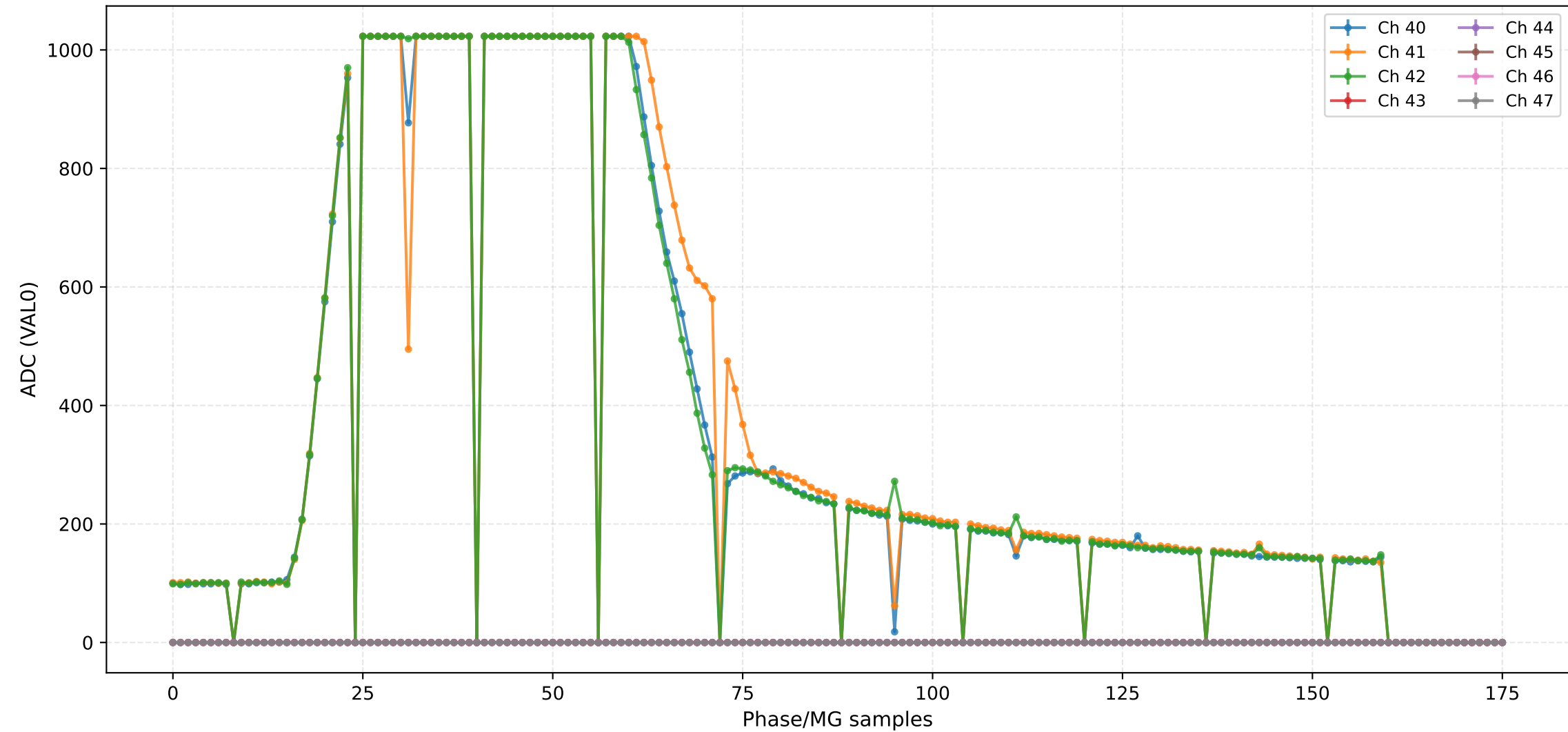
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



## ADC (VAL0) - Channels 56 to 63

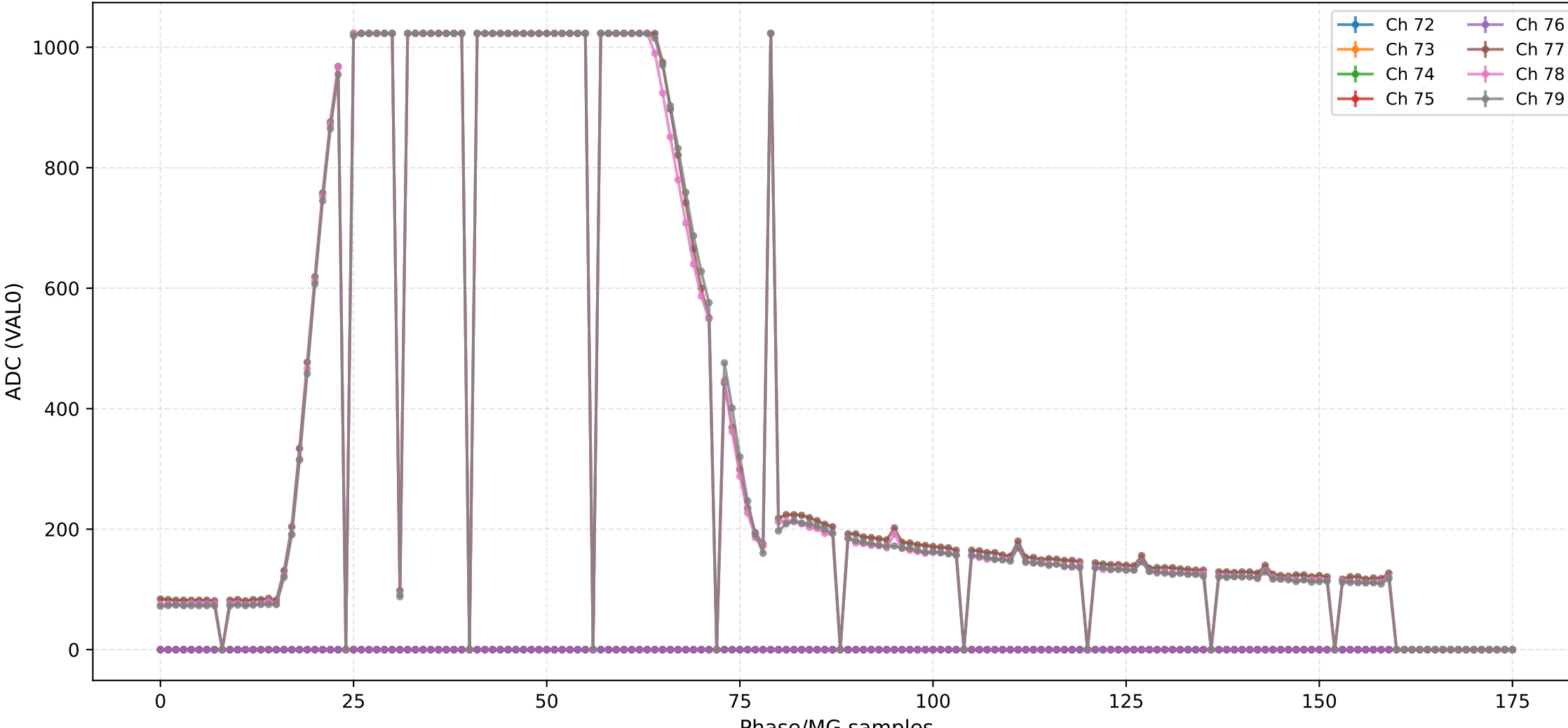




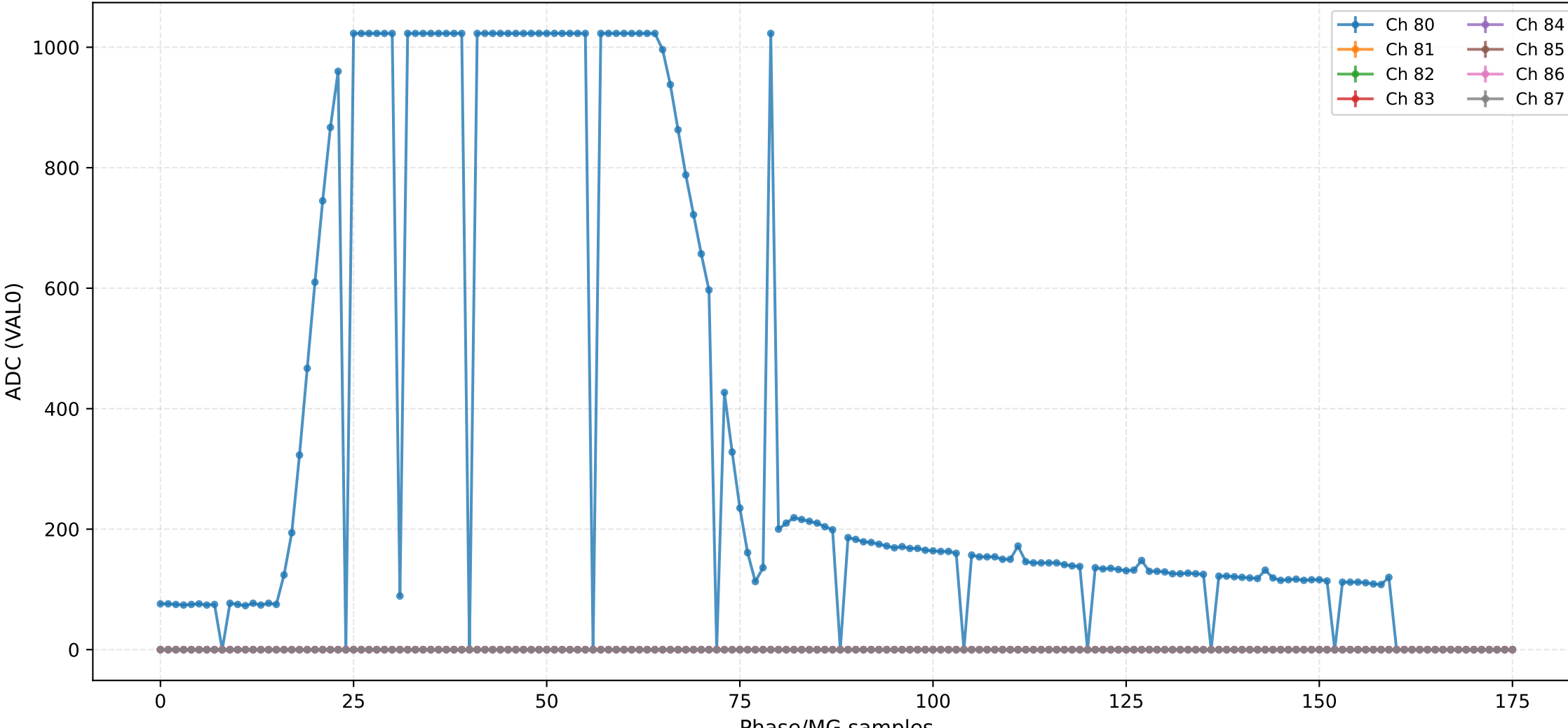
### ADC (VAL0) - Channels 64 to 71



## ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



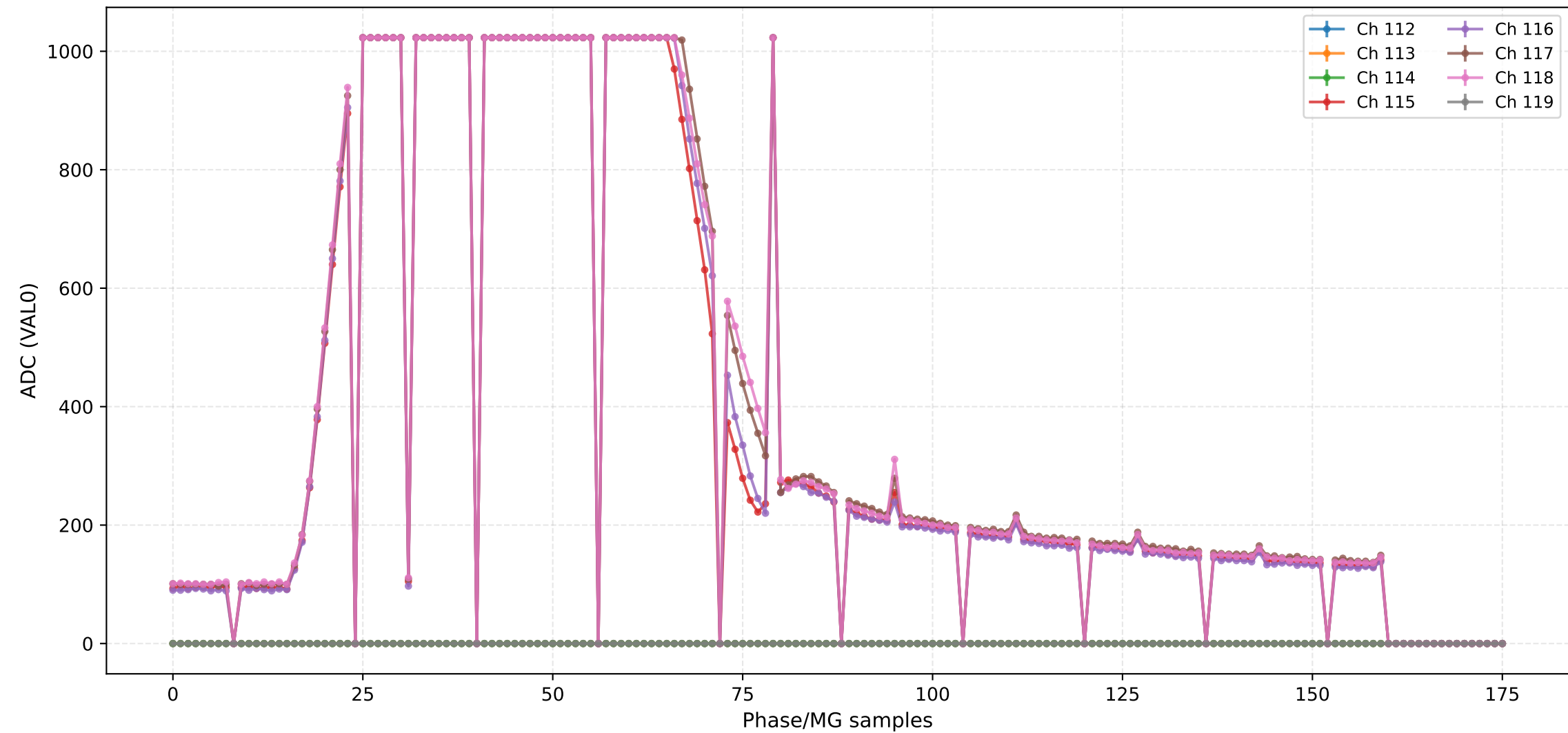
## ADC (VAL0) - Channels 96 to 103



### ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119



## ADC (VAL0) - Channels 120 to 127

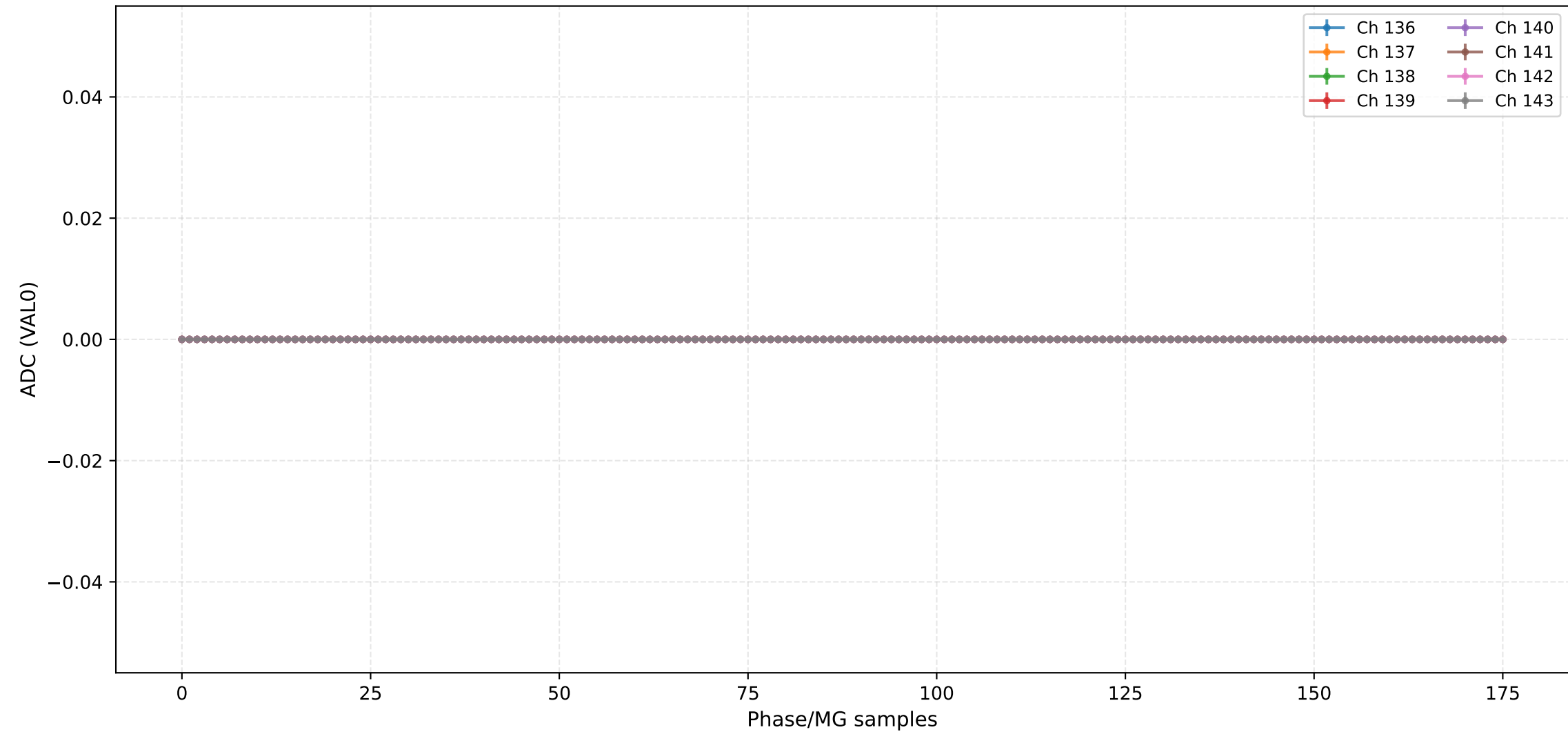




### ADC (VAL0) - Channels 128 to 135



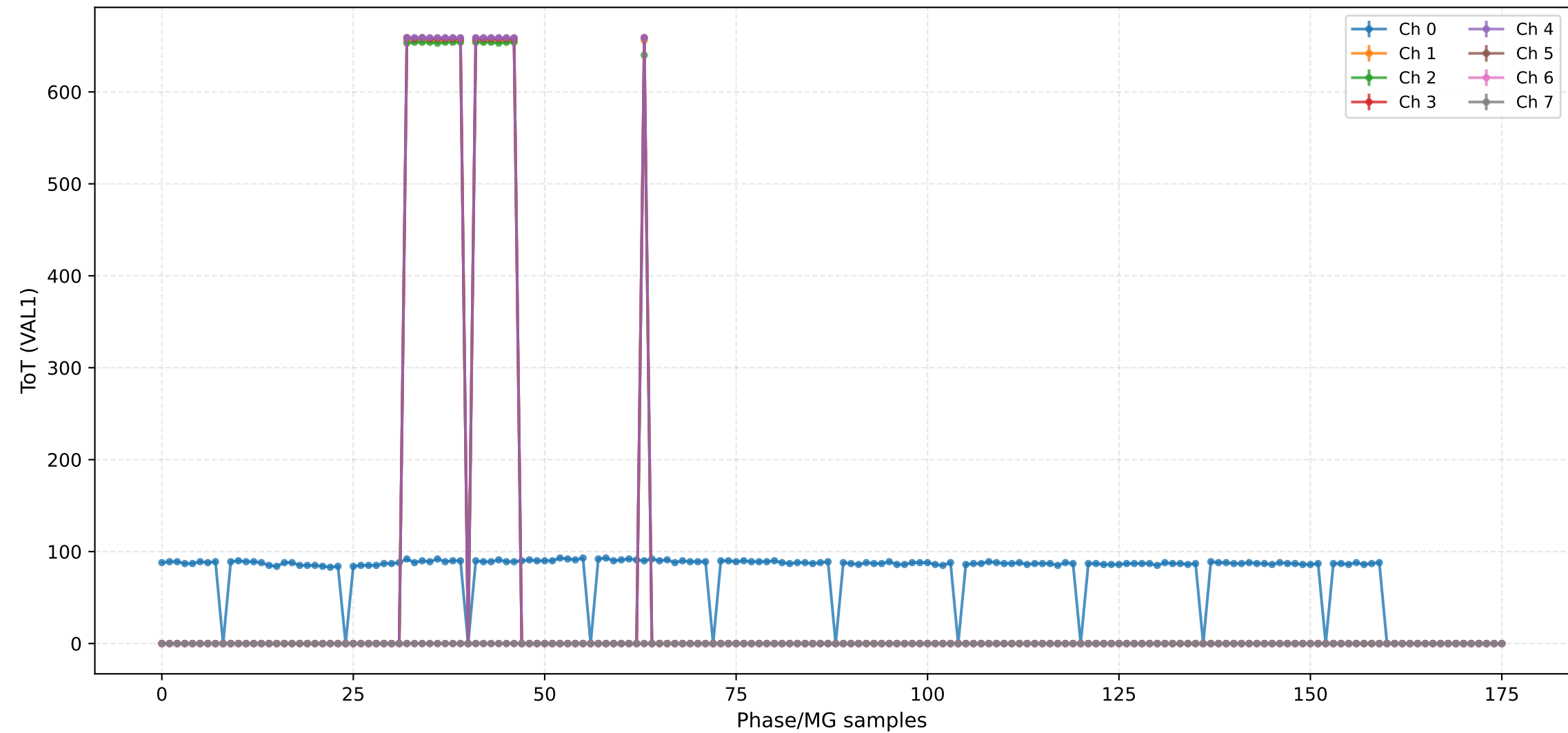
### ADC (VAL0) - Channels 136 to 143



## ADC (VAL0) - Channels 144 to 151



## ToT (VAL1) - Channels 0 to 7



ToT (VAL1) - Channels 8 to 15



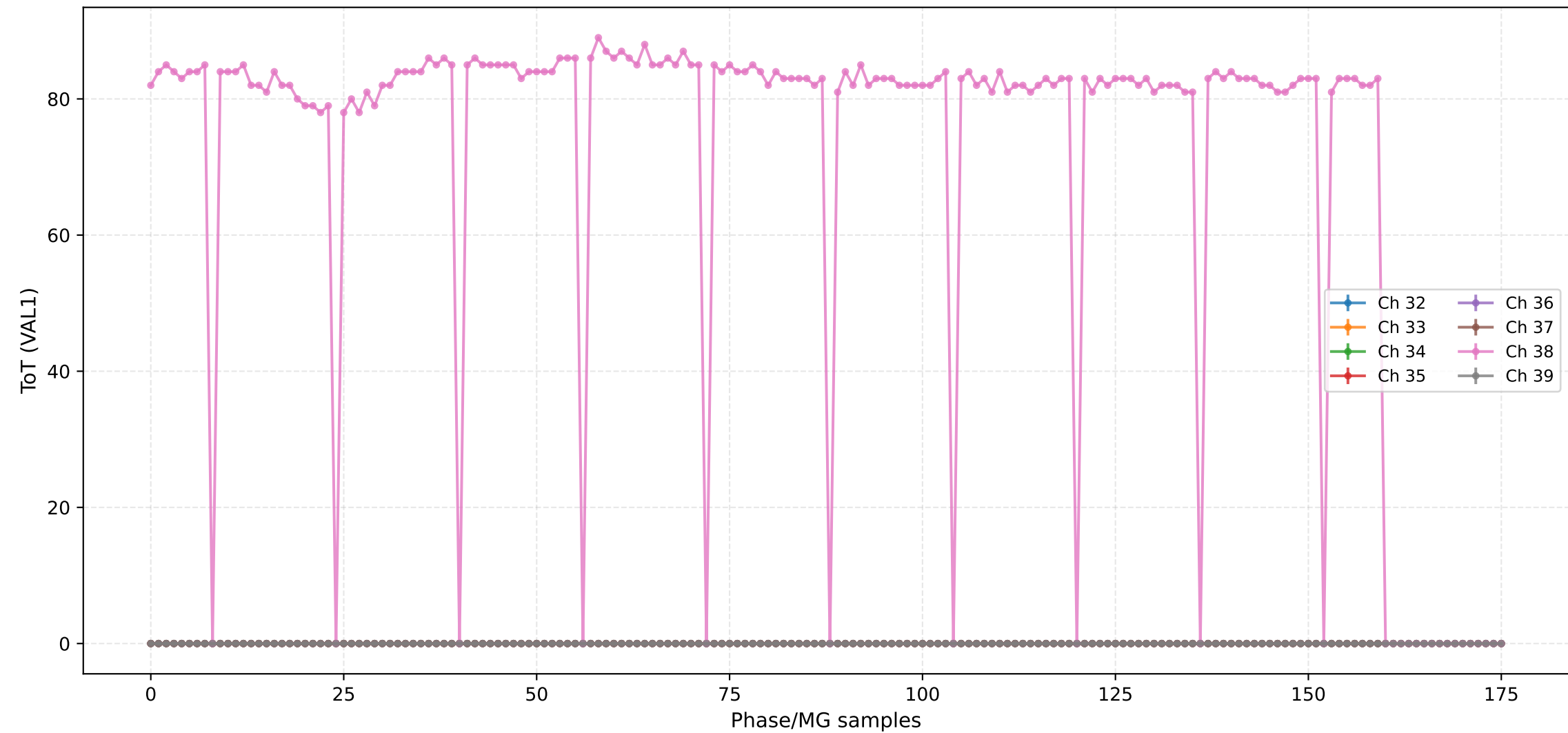
### ToT (VAL1) - Channels 16 to 23



### ToT (VAL1) - Channels 24 to 31



ToT (VAL1) - Channels 32 to 39





ToT (VAL1) - Channels 40 to 47



ToT (VAL1) - Channels 48 to 55



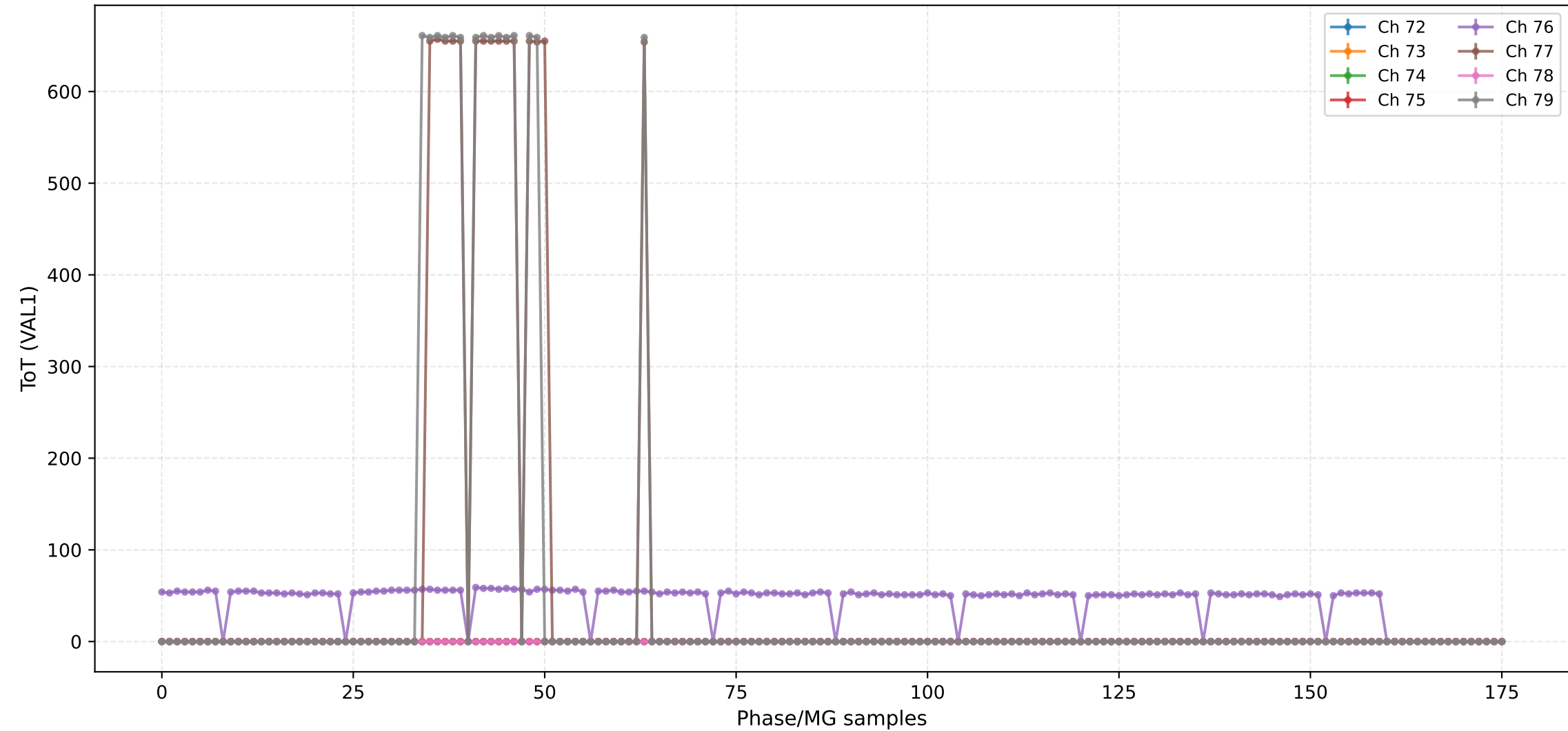
## ToT (VAL1) - Channels 56 to 63



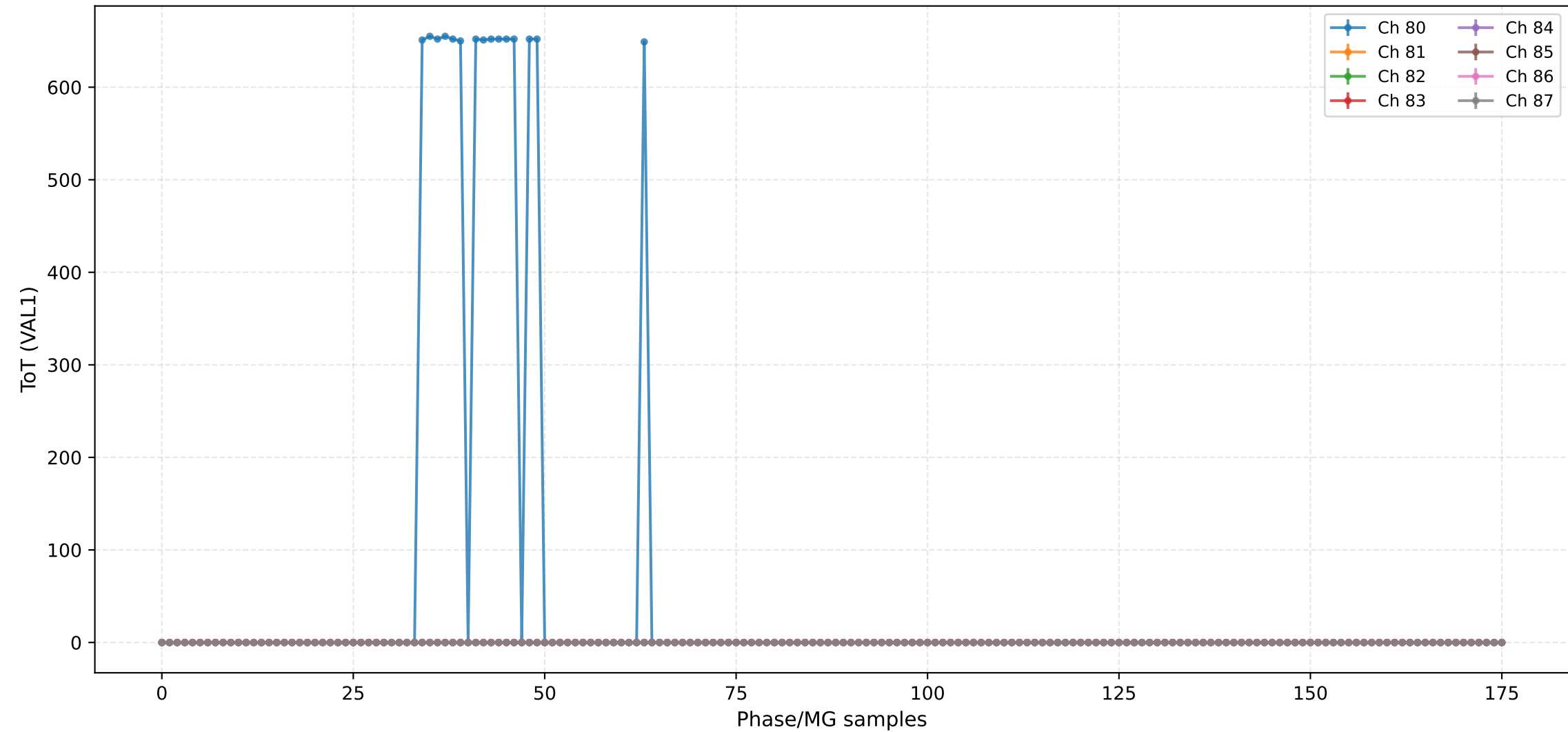
## ToT (VAL1) - Channels 64 to 71



ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



ToT (VAL1) - Channels 96 to 103

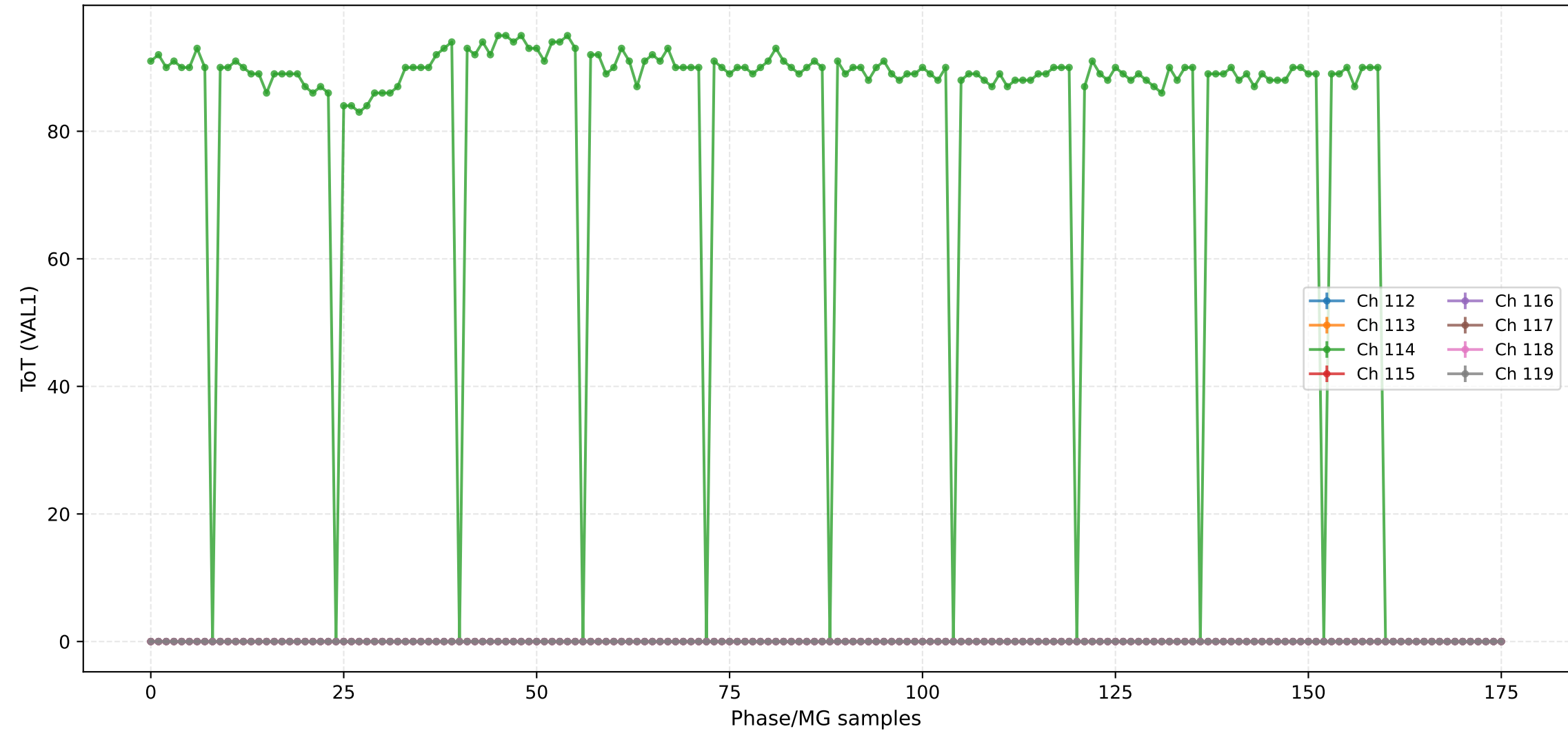




ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



## ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



## ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151





## ToA (VAL2) - Channels 8 to 15





## ToA (VAL2) - Channels 16 to 23



ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



ToA (VAL2) - Channels 40 to 47



## ToA (VAL2) - Channels 48 to 55



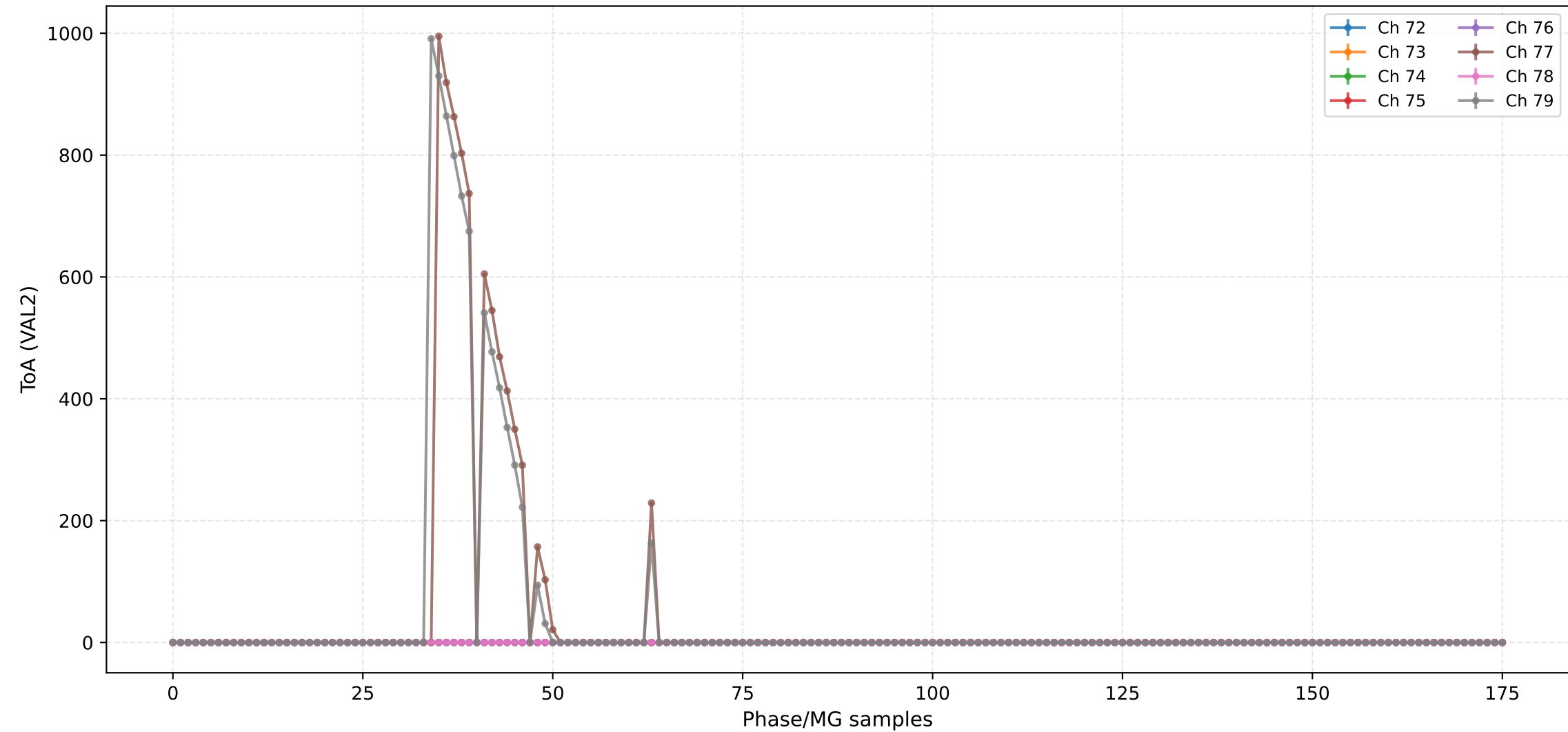
ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71



## ToA (VAL2) - Channels 72 to 79







## ToA (VAL2) - Channels 88 to 95



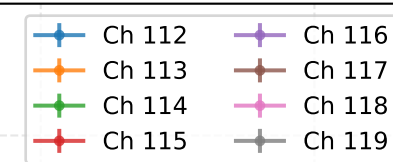
ToA (VAL2) - Channels 96 to 103

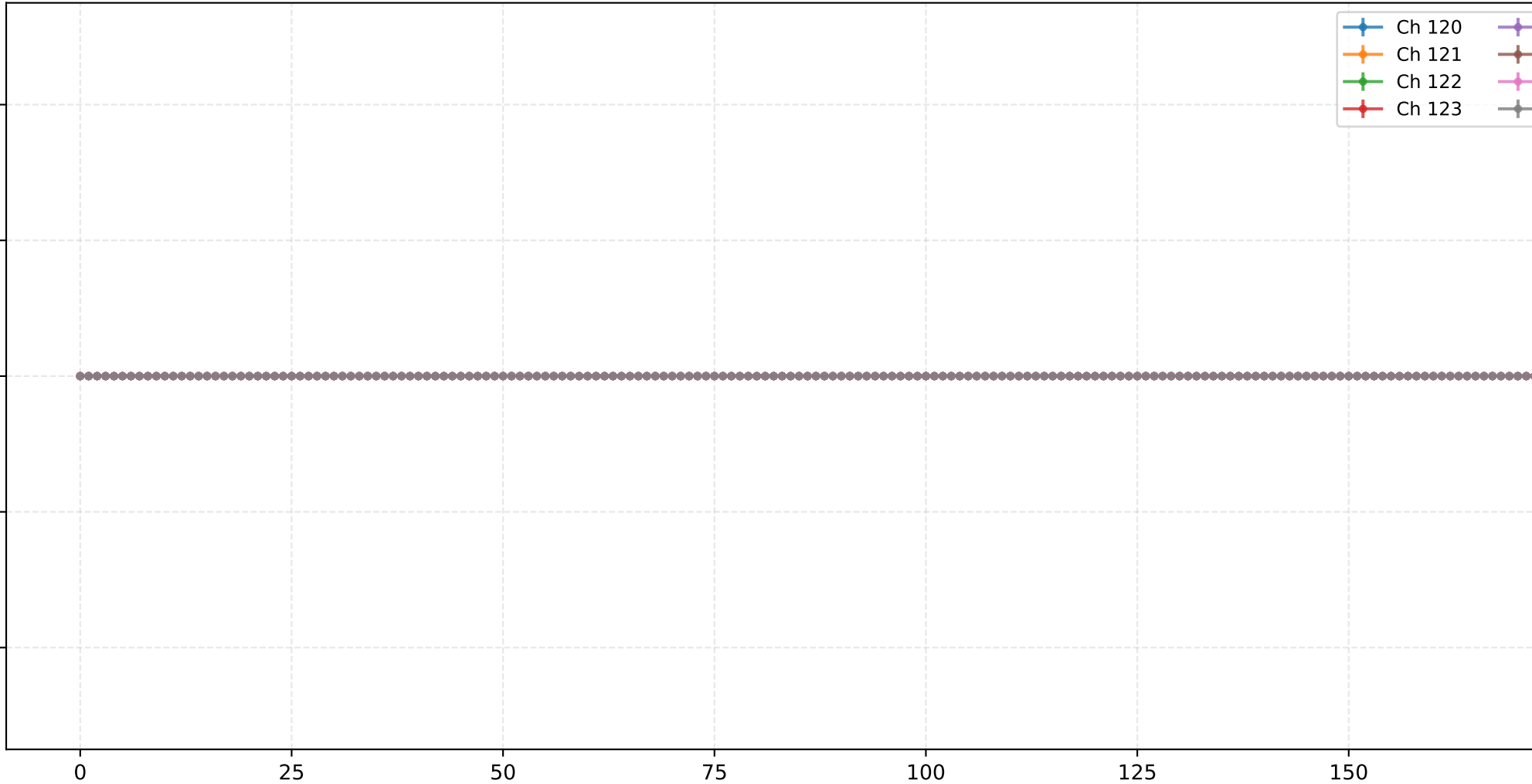


ToA (VAL2) - Channels 104 to 111



The graph displays the evolution of four components of the vector  $u$  over 180 iterations. The x-axis represents the iteration number, ranging from 0 to 180. The y-axis represents the value of the components, ranging from -1.5 to 1.5. All four components (Ch 112, Ch 113, Ch 114, Ch 115) remain constant at zero throughout the entire process.





ToA (VAL2) - Channels 128 to 135







## ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-12 17:21:30

### Configuration:

- Total ASICs: 2
- Injection DAC: 1800
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn10\_val0.csv
- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn10\_val1.csv
- 205\_Injection\_asic2\_injdac1800\_mg10\_pack2\_chn10\_val2.csv